

REMARKS

This application has been carefully reviewed in light of the Office Action dated June 8, 2010. Claims 41 to 45 are pending in the application, with Claims 30, 32 to 35 and 37 to 40 having been cancelled herein without prejudice or disclaimer of subject matter, and Claims 41 to 45 having been newly added. Claims 41 and 43 are in independent form. Reconsideration and further examination are respectfully requested.

Claims 30, 33 to 35 and 38 to 40 were rejected under 35 U.S.C. §103(a) over U.S. Patent No. 6,727,999 (Takahashi '999) in view of U.S. Patent No. 6,985,245 (Takahashi '245). Claims 32 and 37 were rejected under 35 U.S.C. §103(a) over Takahashi '999 in view of Takahashi '245 and further in view of U.S. Patent No. 6,874,034 (Hertling). Without conceding the correctness of the rejections, Claims 30, 32 to 35 and 37 to 40 have been cancelled herein without prejudice or disclaimer of subject matter. Accordingly, Applicant respectfully requests withdrawal of the rejections.

Newly-added independent Claim 41 generally concerns an information processing apparatus including a generating unit that generates a job ticket for one-side printing. In the job ticket, a plurality of sheets are set to have respective color attributes and a first sheet of the plurality of sheets is set to have a color attribute determined based on a color attribute of a first surface arranged on the first sheet. A changing unit of the information processing apparatus then changes printing from one-side printing into both-side printing. According to one aspect, an editing unit of the information processing apparatus edits the job ticket generated by the generating unit by changing the color attribute of the first sheet based on color attributes of both the first surface and a second surface arranged on the first sheet in a case where the one-side printing is changed into the

both-side printing by the changing unit. The color attributes of both the first surface and the second surface are set in the job ticket for the one-side printing.

By virtue of the foregoing arrangement, even if the one-side printing is changed to the both-side printing, it is ordinarily possible to determine color attributes of respective sheets for the both-side printing by using contents of a job ticket for one-side printing (i.e., color attributes of both first and second surfaces arranged on the first sheet). Thus, a job ticket for the both-side printing can be readily generated without a user setting new color attributes for the both-side printing, which substantially eliminates a load on the user's operation.

Turning to specific claim language, newly-added independent Claim 41 is directed to an information processing apparatus. The information processing apparatus includes a generating unit configured to generate a job ticket for one-side printing. In the job ticket, a plurality of sheets are set to have respective color attributes and a first sheet of the plurality of sheets is set to have a color attribute determined based on a color attribute of a first surface arranged on the first sheet. The information processing apparatus further includes a changing unit configured to change one-side printing into both-side printing, and an editing unit configured to edit the job ticket generated by the generating unit by changing the color attribute of the first sheet based on color attributes of both the first surface and a second surface arranged on the first sheet in a case where the one-side printing is changed into the both-side printing by the changing unit. The color attributes of both the first surface and the second surface are set in the job ticket for the one-side printing.

Applicant respectfully submits that the applied art, alone or in any permissible combination, is not seen to disclose or suggest all of the features of Claim 41, and in particular, is not seen to disclose or suggest at least the features of an editing unit configured to edit a job ticket generated by a generating unit by changing a color attribute of a first sheet based on color attributes of both a first surface and a second surface arranged on the first sheet in a case where one-side printing is changed into both-side printing by a changing unit, wherein the color attributes of both the first surface and the second surface are set in the job ticket for the one-side printing.

Takahashi '999 is seen to disclose that in a case of mixing of sheets, on which images are formed by separating jobs, in predetermined page order of the job, color pages in the job output from a computer are printed by a color MFP and black/white pages are printed by a black/white MFP. More specifically, Takahashi '999 is seen to disclose that "numeral 21610 is a tab which allows the setting of pages and the number of copies for each of the color MFP's, likewise, numeral 21611 is a tab which allows the setting of pages and the number of copies for each of the black/white MFP's 105. In addition, each tab has certain places 21612 and 21613 to instruct the pages and the number of copies, the operator instructs each number of pages and the number of copies. In the example, the setting example is shown, where the color MFP 104a is set to print one hundred copies of each of the pages one to ten, and the black/white MFP's 105a is set to print one hundred copies of each of the pages eleven to twenty." (Column 15, lines 44 to 58 of Takahashi '999). However, Applicant respectfully submits that Takahashi '999 fails to disclose or suggest editing a job ticket by changing a color attribute of a first sheet based on color attributes of both a first surface and a second surface arranged on the first sheet in a case where one-side

printing is changed into both-side printing, wherein the color attributes of both the first surface and the second surface are set in the job ticket for the one-side printing, as featured in Claim 41.

Takahashi '245 is seen to disclose a job ticket including layout information. (See Figure 22, element 1801 of Takahashi '245). Takahashi '245 is further seen to disclose that a color attribute differentiating between color and monochrome is determined manually by a user using a page unit or automatically by a job unit. (See Figures 29 and 30 and column 29, line 41 to column 31, line 41 of Takahashi '245). Takahashi '245 is also seen to disclose setting the job ticket by means of an operation screen. (See, e.g., Figures 20, 21 and 22 of Takahashi '245). However, Applicant respectfully submits that Takahashi '245 fails to disclose or suggest editing a job ticket by changing a color attribute of a first sheet based on color attributes of both a first surface and a second surface arranged on the first sheet in a case where one-side printing is changed into both-side printing, wherein the color attributes of both the first surface and the second surface are set in the job ticket for the one-side printing, as featured in Claim 41.

The remaining applied reference of Hertling has been reviewed but is not seen to remedy the above-described deficiencies of Takahashi '999 and Takahashi '245.

In light of the deficiencies of Takahashi '999, Takahashi '245 and Hertling as discussed above, Applicant submits that newly-added independent Claim 41 is in condition for allowance and respectfully requests same.

Newly-added independent Claim 43 is directed to a control method substantially in accordance with the apparatus of Claim 41. Accordingly, Applicant submits that Claim 43 is also in condition for allowance and respectfully requests same.

The other pending claims in this application are each dependent from the independent claims discussed above and are therefore believed allowable for the same reasons. Because each dependent claim is also deemed to define an additional aspect of the claims, however, the individual consideration of each on its own merits is respectfully requested.

In view of the foregoing amendments and remarks, the entire application is believed to be in condition for allowance, and such action is respectfully requested at the Examiner's earliest convenience.

CONCLUSION

No claim fees are believed due; however, should it be determined that additional claim fees are required, the Director is hereby authorized to charge such fees to Deposit Account No. 06-1205.

Applicant's undersigned attorney may be reached in our Costa Mesa, CA office at (714) 540-8700. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,

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